

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 08281892
PUBLICATION DATE : 29-10-96

APPLICATION DATE : 18-04-95
APPLICATION NUMBER : 07092551

APPLICANT : MITSUBISHI PLASTICS IND LTD;

INVENTOR : HARAKO SHIGEYA;

INT.CL. : B32B 27/36 B29C 47/06 B32B 27/00 B32B 27/08 B32B 27/28 B32B 27/32 B32B 27/34
// B29K 23:00 B29K 67:00 B29K 77:00

TITLE : CO-EXTRUSION FILM FOR DEEP DRAWING

ABSTRACT : PURPOSE: To provide a co-extrusion film excellent in moldability, punching properties and gloss and characterized by that the innermost layer is composed of a heat-sealable resin layer and an intermediate layer consists of a polyamide resin layer and an ethylene/vinyl alcohol copolymer resin layer and the outermost layer is composed of a specific copolyester resin layer and polyolefinic adhesive resin layers are arranged between the intermediate layer and the innermost and outermost layers.

CONSTITUTION: A co-extrusion film for deep drawing consists of the innermost layer, a polyolefinic adhesive resin layer, an intermediate layer, a polyolefinic adhesive resin layer and the outermost layer. The innermost layer is a heat-sealable resin layer and the intermediate layer contains a polyamide resin layer and an ethylene/vinyl alcohol copolymer resin layer. When moisture is much, this lamination order is set so that the ethylene/vinyl alcohol copolymer resin layer is arranged at the position near to the outermost layer. The outermost layer is composed of a copolyester resin layer based on an ethylene terephthalate unit and characterized by that 15-40mol% of isophthalic acid is copolymerized as a dicarboxylic acid component and intrinsic viscosity is 0.5-0.7.

COPYRIGHT: (C)1996,JPO